

Docket No: 2685.2001 US2

THE UNITED STATES PATENT AND TRADEMARK OFFICE

David A. Edward, Richard P. Batycky, and Lloyd Johnston

Application No.: 10/681,416

Group Art Unit: 1615

Filed:

October 8, 2003

Examiner:

Not Assigned

Confirmation No.: 7426

Title:

Highly Efficient Delivery of a Large Therapeutic Mass Aerosol

CERTIFICATE OF MAILING OR TRANSMISSION I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on: theer Date Signature Hollie Wakefield Typed or printed name of person signing certificate

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450

| Alexar | ndria, VA 22313-1450 |
|---------|--|
| Sir: | |
| This In | uformation Disclosure Statement is submitted: under 37 CFR 1.129(a), or (First/Second submission after Final Rejection) |
| [X] | under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination). |
| [] | under 37 CFR 1.97(c) together with either: [] a Statement under 37 CFR 1.97(e), as checked below, or [] a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first) |
| [] | under 37 CFR.1.97(d) together with: [] a Statement under 37 CFR 1.97(e), as checked below, and [] a \$180.00 fee under 37 CFR 1.17(p), or (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee) |
| [] | under 37 CFR 1.97(i): Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper. (Filed after payment of issue fee) |

| Statement_ | Under 37 | CFR_ | 1.97(| ၁) |
|------------|----------|------|-------|----|
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| .] | cited i applic | n any communication from a foreign patent office in a counterpart foreign ation not more than three months prior to the filing of this Information Disclosure nent; or | |
|-----|---|--|--|
| [] | No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. | | |
| | | der 37 CFR 1.704(d) (Patent Term Adjustment) applications (other than design) filed on or after May 29, 2000) | |
| [] | a com | item of information contained in the Information Disclosure Statement was cited in munication from a foreign patent office in a counterpart application and this unication was not received by any individual designated in -§ 1.56(c) more than days prior to the filing of the Information Disclosure Statement. | |
| [X] | Enclo | sed herewith is form PTO-1449: Copies of the cited references are enclosed. | |
| | [X] | All cited references are those entered in prior applications, U.S. Application Nos. 09/878,146 and 09/591,307, to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references. | |
| | [] | The listed references were cited in the enclosed International Search Report in a counterpart foreign application. | |
| | [] | The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by: [] the explanation provided on the attached sheet. [] the explanation provided in the Specification. [] submission of the enclosed International Search Report. [] submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action. [] the enclosed English language abstract. | |

The Examiner is requested to return a copy of the list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

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| [] | A check for the fee noted above is enclosed, or the fee has been included in the check |
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| | with the accompanying Reply. A copy of this Statement is enclosed. |
| [] | Please charge Deposit Account [] in the amount of [\$]. A copy of this Statement is |
| | enclosed. |
| [] | Please charge any deficiency in fees and credit any overpayment to Deposit Account |

Respectfully submitted,

ELMORE CRAIG, P.C.

Anne I. Craig

Registration No.: 32,976 Telephone: (978) 251-3509 Facsimile: (978) 251-3973

N. Chelmsford, MA 01863 Dated: 5/10/04 PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION

NAN APPLICATION

May 10, 2004

Use several sheets if necessary)

ATTORNEY DOCKET NO.
2685.2001 US2

APPLICANT

APPLICANT

David A. Edwards et al.

October 8, 2003

confirmation no. 7426

GROUP 1615

| XAM- NER NI- IAL | REF. | DOCUMENT NUMBER | ISSUE DATE / PUBLICATION DATE | NAME |
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| | AA | 4,069,819 | 01/24/78 | Valentini et al. |
| | АВ | 4,995,385 | 02/26/91 | Valentini et al. |
| | AC | 5,260,306 | 11/09/93 | Boardman et al. |
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| | АН | 5,642,728 | 07/01/97 | Andersson et al. |
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| | AF3 | 6,284,282 B1 | 09/04/01 | Maa et al. |
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PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

May 10, 2004

(Use several sheets if necessary)

| ATTORNEY DOCKET NO. 2685.2001 US2 | application no. 10/681,416 | |
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| APPLICANT David A. Edwards et al | | |
| FILING DATE | CONFIRMATION NO. | GROUP |

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| AA4 | US RE 37,053 E | 02/13/01 | Hanes et al. |
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October 8, 2003

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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application no. 10/681,416

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GROUP 1615

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| | DOCUMENT NUMBER | DATE | COUNTRY | YES NO |
| AL | WO 95/00127 | 05/01/95 | PCT | |
| AM | WO 96/32096 | 17/10/96 | PCT | |
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| AT | Ben-Jebria, A. et al., "Large Porous Particles for Sustained Protection from Carbachol-Induced Bronchoconstriction in Guinea Pigs," <i>Pharm. Res. 16(4)</i> :555-561 (1999). |
| AU | Cipolla, D. et al., "Bolus Administration of INS365: Studying the Feasibility of Delivering High Dose Drugs Using the AERx® Pulmonary Delivery System," Respiratory Drug Delivery, VII:231-239 (2000). |
| AV | Edwards, D.A., "The Macrotransport of Aerosol Particles in the Lung: Aerosol Deposition Phenomena," J. Aerosol Sci., 26(2):293-317 (1995). |
| AW | Edwards, D.A. et al., "Large Porous Particles for Pulmonary Drug Delivery," Science 276:1868-71 (1997). |
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